Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	681	(340/426.27,426.28).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 12:33
L2	288	(340/426.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 12:31
L3	257	(340/466).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 12:31
L5	815	(307/10.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 12:31
L6	6010	(180/271-287).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 12:31
L7	1532	(180/271).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 12:32
L8	1128	(180/287).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 12:32
L9	1191	1 or 2 or 3	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:33
L10	279	9 and vehicle near9 speed	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:35
L11	82	10 and door	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 14:05
L12	50	10 and door near9 (open$3 or clos$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:34
L13	11	9 and vehicle near9 speed same door near9 (open$3 or clos$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:44
L14	6	9 and vehicle near9 speed same window near9 (open$3 or clos$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:37
L15	14	13 or 14	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:37
L16	2	9 and vehicle near9 speed same door near9 (open$3 or clos$3) same armed	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:46
L17	7	vehicle near9 speed same door near9 (open$3 or clos$3) same armed	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:54
L18	183	vehicle with speed same door with (open$3 or clos$3) same arm$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:14
L19	14	vehicle near9 velocity same door near9 (open$3 or clos$3) same arm$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:55
L21	19	vehicle near9 velocity same (door or window) near9 (open$3 or clos$3) same arm$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:56

L22	60	vehicle near9 (speed or velocity) same door near9 (open$3 or clos$3) same alarm	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:04
L23	2	automobile near9 (speed or velocity) same door near9 (open$3 or clos$3) same alarm	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:03
L24	12	(vehicle or automobile) near9 (speed or velocity) same door near9 (open$3 or clos$3) same alarm	EPO; JPO; DERWENT	OR	ON	2005/10/17 13:04
L25	516	(vehicle or automobile) same (speed or velocity) same door with (open$3 or clos$3) same (arm$3 or alarm or alert$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 15:31
L26	10	9 and 25	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:16
L27	5.	5 and 25	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:16
L28	563	(vehicle or automobile) same (speed or velocity) same door with (open$3 or clos$3) same (arm$3 or alarm or alert$3 or security)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:19
L29	489	(vehicle or automobile) same (speed or velocity) same door with (open$3 or clos$3) same (arm$3 or security)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:19
L30	40	6 and 29	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:50
L32	7	9 and 29	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 14:14
L33	7	10 and power near4 door	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 14:10
L35	3	5 and 29	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 14:14
L37	1	(vehicle or automobile) same synthetic$4 with (speed or velocity) same door with (open$3 or clos$3) same (arm$3 or alarm or alert$3 or security)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 14:27
L38	1	(vehicle or automobile) same synthetic$4 with (speed or velocity) same door with (open$3 or clos$3) same (arm$3 or alarm or alert$3 or security)	EPO; JPO; DERWENT	OR	ON	2005/10/17 14:26
L39	316	(vehicle or automobile) with (speed or velocity) same door with (open$3 or clos$3) same (arm$3 or alarm or alert$3 or security)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 15:43
L40	108	39 and (power or sliding) with (door or window)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 14:30
L41	48	(vehicle or automobile) with (speed or velocity) same door with (power or sliding) same (arm$3 or security)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 14:33
L42	96	(vehicle or automobile) same (speed or velocity) same door with unlock$3 same (arm$3 or security)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 15:32
L43	60	(vehicle or automobile) same (speed or velocity) same door with unlock$3 same (armed or security)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 15:37
L44	10738	(theft or antitheft or carjack$3 or hijack$3) same (vehicle or automobile or car)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 15:44

L45	204	44 and (speed or velocity) same door with (unlock$3 or open$3 or clos$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 15:45

DERWENT-ACC-NO: 2004-763706

DERWENT-WEEK: 200475

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TITLE: Device for passenger's safety in opening power sliding
                door for vehicle

INVENTOR: CHA, J Y

PATENT-ASSIGNEE: HYUNDAI MOTOR CO LTD[HYUNN] , KIA MOTORS CORP[KIAMN]

PRIORITY-DATA: 2003KR-0001064 (January 8, 2003)

PATENT-FAMILY:
PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2004063590 A	July 14, 2004	N/A	001	B60Q 009/00

APPLICATION-DATA:
PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2004063590A	N/A	2003KR-0001064	January 8, 2003

INT-CL (IPC): B60Q009/00

ABSTRACTED-PUB-NO: KR2004063590A

BASIC-ABSTRACT:

NOVELTY - A device for passenger's safety in opening a power sliding door for a
vehicle is provided to sense the rear of the vehicle and to ascertain an
obstacle progressing from the rear, to safely protect a passenger who gets off
the vehicle from the obstacle.

DETAILED DESCRIPTION - A device for passenger's safety in opening a power
sliding door for a vehicle comprises sensors (30,31) disposed on the rear sides
of the vehicle, to sense the relative speed of a rear obstacle if the rear
obstacle is sensed; a camera (40) disposed to the rear center of the vehicle,
to operate together with the obstacle-sensing of the sensor; an ECU (Electronic
Control Unit,70) receiving an image signal of the obstacle from the camera,
receiving a signal about the relative speed of the obstacle from the sensor,
and obstructing the opening action of the power sliding door in opening the
power sliding door; and alarm units (60,90) receiving the signal from the ECU
and expressing the obstacle as an image or alarming the sensing of the obstacle
via a sound.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: DEVICE PASSENGER SAFETY OPEN POWER SLIDE DOOR VEHICLE

DERWENT-CLASS: Q16 W02 X22

EPI-CODES: W02-F01E; X22-E09; X22-E13; X22-J11; X22-X05;